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Substitute for form 1449/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>	
			Application Number	10/728,067
Sheet 1 of 3			Filing Date	12/03/2003
			First Named Inventor	Buechler et al.
			Art Unit	1641
			Examiner Name	Jung
			Attorney Docket Number	071949-5604

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Application Document	Filing Date of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Serial Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
/U.J./	A1	WO 96/032648	10-17-1996	Spectral Diagnostics, Inc.		
	A2	WO 00/052476	09-08-2000	Skye Pharmatech Incorporated		
	A3	WO 02/023191	03-21-2002	University of Sydney		
	A4	WO 02/059822	08-01-2002	Biowulf Technologies LLC		
	A5	WO 02/083913	10-24-2002	Biosite Diagnostics, Inc.		
	A6	WO 02/089657	11-14-2002	Biosite, Inc.		

NON PATENT LITERATURE DOCUMENTS			
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/U.J./	A7	AY et al., Creatine kinase-MB elevation after stroke is not cardiac in origin: Comparison with troponin T levels. Stroke 33:286-289, 2002.	
/U.J./	A8	BEN-DOR et al., Tissue classification with gene expression profiles. Proceedings of the Fourth Annual International Conference on Computational Molecular Biology, 2000, p. 54-64.	

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/U.J./	A9	FUTTERMAN et al., Novel markers in the acute coronary syndrome: BNP, IL-6, PAPP-A, American Journal of Critical care, 11(2): 168-172, 2002.		
	A10	LAMERS et al., Cerebrospinal neuron-specific enolase, S-100 and myelin basic protein in neurological disorders. Acta Neurologica Scand 92:247-251, 1995.		
	A11	PERSSON et al., S-100 protein and neuron-specific enolase in cerebrospinal fluid and serum: markers of cell damage in human contral nervous system. Stroke 18:911-918, 1987.		
	A12	QUINN et al., D-Dimers in the diagnosis of pulmonary embolism. Am J Respir Crit Care Med 159:1445-1449, 1999.		
	A13	SAGNELLA, Measurement and significance of circulating natriuretic peptides in cardiovascular disease. Clinical Science 95:519-529, 1998.		
	A14	SCHNEIDER et al., Fuzzy logic-based tumor-marker profiles improved sensitivity in the diagnosis of lung cancer. International Journal of Clinical Oncology, Churchill Livingston Japan; 7(3): 145-151, 2002.		
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	A16	VEER et al., Gene expression profiling predicts clinical outcome of breast cancer. Nature, 415(6871): 530-536, 2002.		
	A17	VILLACORTA et al., The role of B-type natriuretic peptide in the diagnosis of congestive heart failure in patients presenting to an emergency department with dyspnea. Arq Bras Cardiol 79(6): 569-572, 2002.		
	A18	ZHANG et al., Recursive partitioning for tumor classification with gene expression microarray data. Proceedings of the National Academy of Sciences, 98(12): 6730-6735, 2001		

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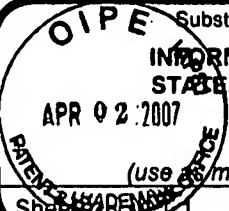
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/U.J./	A19	European Search Report for EP Application No. 03 81 0896.	
/U.J./	A20	Supplementary Partial European Search Report for EP Application EP 03 81 4398	

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		Filing Date	12/3/2003
		First Named Inventor	Kenneth F. Buechler
		Art Unit	1641
		Examiner Name	Jung, Unsu
		Attorney Docket Number	071949-5604

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/U.J./	A1	US 6,309,888	10-30-2001	Holvoet et al.	
/U.J./	A2	US 2002/0106708	08-08-2002	Thomas et al.	

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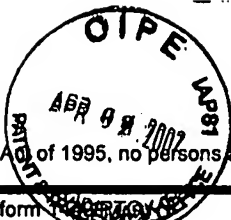
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/U.J./	A3	HEESCHEN et al., "Troponin concentrations for stratification of patients with acute coronary syndromes in relation to therapeutic efficacy of tirofiban." The Lancet, Vol. 354, pp. 1757-1762, 1999.	
	A4	INDIK and ALPERT, "Detection of pulmonary embolism by D-dimer assays, spiral computed tomography, and magnetic resonance imaging." Progress in Cardiovascular Diseases, Vol. 42, pp 261-272, 2000.	
	A5	KLINE et al., "New diagnostic tests for pulmonary embolism." Annals of Emergency Medicine Vol. 35, pp. 168-180, 2000.	
	A6	SINGH et al., "Optimization technique in human gall bladder health care system." The 1996 IEEE International Conference on Systems, Man and Cybernetics. Part 4 (of 4). Vol. 4, pp 2855-2857, 1996.	
	A7	ZWEIG and CAMPBELL, "Receiver-operating characteristic (ROC) Plots: A fundamental evaluation tool in clinical medicine." Clin. Chem., Vol. 39(4), pp 561-577, 1993.	

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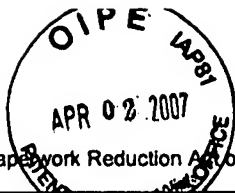
Substitute for form 2618-101-01-01 <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/728,067
		Filing Date	12/3/2003
		First Named Inventor	Kenneth F. Buechler
		Art Unit	1641
		Examiner Name	Jung, Unsu
Sheet	2	of	2
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/U.J./ ↓	A8	Amar <i>et al.</i> , "Interleukin 6 is associated with subclinical atherosclerosis: a link with soluble intercellular adhesion molecule 1." <i>J. Hypertens.</i> 24:1083-88, 2006.	
	A9	Beloqui <i>et al.</i> , "Monocyte cyclooxygenase-2 overactivity: a new marker of subclinical atherosclerosis in asymptomatic subjects with cardiovascular risk factors?" <i>Eur. Heart J.</i> 26:153-58, 2005.	
	A10	Christenson <i>et al.</i> , "Standardization of Cardiac Troponin I Assays: Round Robin of Ten Candidate Reference Materials," <i>Clin. Chem.</i> 47: 431-37, 2001.	
	A11	Deo <i>et al.</i> , "Association among plasma levels of monocyte chemoattractant protein-1, traditional cardiovascular risk factors, and subclinical atherosclerosis." <i>J. Am. Coll. Cardiol.</i> 44(9): 1812-18, 2004.	
	A12	Hulthe and Fagerberg, "Circulating oxidized LDL is associated with subclinical atherosclerosis development and inflammatory cytokines (AIR study)." <i>Arterioscler. Thromb. Vasc. Biol.</i> 22: 1162-1167, 2002.	
	A13	Kuller <i>et al.</i> , "Prevalence of subclinical atherosclerosis and cardiovascular disease and association with risk factors in the cardiovascular health study." <i>Am. J. Epidemiol.</i> 139(12):1164-79, 1994.	
	A14	Naghavi <i>et al.</i> , "From vulnerable plaque to vulnerable patient - Part III: Executive summary of the screening for heart attack prevention and education (SHAPE) task force report." <i>Am. J. Cardiol.</i> , 98(supp): 2H-15H, 2006.	
	A15	Nelson <i>et al.</i> , "Plasma sphingomyelin and subclinical atherosclerosis: Findings from the multi-ethnic study of atherosclerosis." <i>Am. J. Epidemiol.</i> 163:903-12, 2006.	
	A16	Orbe <i>et al.</i> , "Independent association of matrix metalloproteinase-10, cardiovascular risk factors and subclinical atherosclerosis." <i>J. Thromb. Haemost.</i> 5: 91-97, 2007.	
	A17	Wang <i>et al.</i> , "Association of C-reactive protein with carotid atherosclerosis in men and women: The Framingham heart study." <i>Arterioscler. Thromb. Vasc. Biol.</i> 22: 1662-1667, 2002.	

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/U.J./	A1	6,156,521		Buechler et al.	12/05/00	
	A2	6,147,688		Clair	11/14/00	
	A3	6,143,576		Buechler	11/07/00	
	A4	6,113,855		Buechler	09/05/00	
	A5	6,019,944		Buechler	02/01/00	
	A6	5,985,579		Buechler et al.	11/16/99	
	A7	5,955,377		Maul et al.	09/21/99	
	A8	5,947,124		Buechler et al.	09/07/99	
	A9	5,939,272		Buechler et al.	08/17/99	
	A10	5,922,615		Nowakowski et al.	07/13/99	
	A11	5,885,527		Buechler	03/23/99	
	A12	5,851,776		Valkirs	12/22/98	
	A13	5,843,690		Gargan	12/01/98	
	A14	5,824,799		Buechler et al.	10/20/98	
	A15	5,795,725		Buechler et al.	08/18/98	
	A16	5,679,526		Buechler et al.	10/21/97	
	A17	5,631,171		Sandstrom et al.	05/20/97	
	A18	5,525,524		Buechler et al.	06/11/96	
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/U.J./	C1	Aggarwal et al., "Evaluation of serum lipid profile and cardiac enzyme changes in cerebrovascular accidents," <i>JIMA</i> , 93:331-332 (1995).		
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↓	C9	Baker, T. et al., "Serum metalloproteinases and their inhibitors: markers for malignant potential," <i>Br. J. Cancer</i> 70:506-512 (1994).		

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		Application Number Filing Date First Named Inventor Group Art Unit Examiner Name Attorney Docket Number	10/728,067 12/03/2003 Kenneth F. Buechler 1641 Jung 071949-5604
Sheet	3	of	28

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		<b>Examiner Name</b>	Jung
(use as many sheets as necessary)		<b>Attorney Docket Number</b>	071949-5604
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		Group Art Unit	1641		
Examiner Name	Jung				
Sheet	5	of	28	Attorney Docket Number	071949-5604

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		<b>Group Art Unit</b>	1641
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Sheet	8	of	28

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Sheet	9	of	28

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		First Named Inventor	Kenneth F. Buechler		
		Group Art Unit	1641		
Examiner Name	Jung				
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/U.J./	C101	Grisolia, S. <i>et al.</i> , "Influence of size, protein concentration, protein synthesis inhibitors, and carbon on clearance of enzymes and proteins from blood," <i>Physiol. Chem. Phys.</i> 8:37-52 (1976).	
	C102	Gruber, B.L. <i>et al.</i> , "Markedly elevated serum MMP-9 (Gelatinase B) levels in rheumatoid arthritis: a potentially useful laboratory marker," <i>Clin. Immunol. Immunopathol.</i> 78:161-171 (1996).	
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✓	C112	Herraez-Dominguez, M.V. <i>et al.</i> , "Immunological determination of muscle-type enolase in the serum as a diagnostic test for myocardial infarction," <i>Clin. Chim. Acta</i> 64:307-315 (1975).	

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Sheet	11	of	28

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Sheet	12	of	28

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✓	C137	Kai, H. <i>et al.</i> , "Peripheral blood levels of matrix metalloproteinases-2 and -9 are elevated in patients with acute coronary syndromes," <i>J. Am. Coll. Cardiol.</i> 32:368-372 (1998).	

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	C144	Kato, K. and Kimura, "S100a <sub>0</sub> ( $\alpha\alpha$ ) protein is mainly located in the heart and striated muscles," <i>S., Biochim. Biophys. Acta</i> 842:146-150 (1985).		
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	C148	Kienast, J. <i>et al.</i> , "Prothrombin activation fragment 1 + 2 and thrombin antithrombin III complexes in patients with angina pectoris: relation to the presence and severity of coronary atherosclerosis," <i>Thromb. Haemost.</i> 70:550-553 (1993).		
✓	C149	Kikuchi, T. <i>et al.</i> , "Clinical evaluation of serum S100 <sub>ao</sub> protein in patients with urogenital diseases and healthy volunteers," <i>Hinyokika Kiyo</i> 36:1117-1123 (1990).		

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		Filing Date	12/03/2003
		First Named Inventor	Kenneth F. Buechler
		Group Art Unit	1641
Examiner Name	Jung		
Attorney Docket Number	071949-5604		
Sheet	14	of	28

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		Filing Date	12/03/2003		
		First Named Inventor	Kenneth F. Buechler		
		Group Art Unit	1641		
Examiner Name	Jung				
Sheet	20	of	28	Attorney Docket Number	071949-5604

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Examiner Name	Jung		
Attorney Docket Number	071949-5604		
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### OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

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		Filing Date	12/03/2003		
		First Named Inventor	Kenneth F. Buechler		
		Group Art Unit	1641		
Examiner Name	Jung				
Sheet	26	of	28	Attorney Docket Number	071949-5604

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/U.J.	C304	Tsuji, R. <i>et al.</i> , "Human heart-type cytoplasmic fatty acid-binding protein in serum and urine during hyperacute myocardial infarction," <i>Int. J. Cardiol.</i> 41:209-217 (1993).	
	C305	Uchiyama <i>et al.</i> , "Alterations of platelet, coagulation, and fibrinolysis markers in patients with acute ischemic stroke," <i>Semin. Thromb. Hemost.</i> 23: 535-541 (1997).	
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✓	C316	Virchow <i>et al.</i> , "Sputum ECP levels correlate with parameters of airflow obstruction," <i>Am. Rev. Respir. Dis.</i> 146:604-6 (1992).	

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/U.J./	C317	Wallace, J.M. <i>et al.</i> , "The assessment of platelet derived growth factor concentration in post myocardial infarction and stable angina patients," <i>Ann. Clin. Biochem.</i> 35:236-241 (1998).	
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	C320	Wilkins et al., "The natriuretic-peptide family," <i>Lancet</i> , 349:1307-1310 (1997).	
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/U.J./	C330	Yoneda et al., "Identification of a novel adenylate kinase system in the brain: Cloning of the fourth adenylate kinase," <i>Mol. Brain Res.</i> 62:187-195 (1998).	
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✓	C335	Zucker et al., "Increased serum stromelysin-1 levels in systemic lupus erythematosus: lack of correlation with disease activity," <i>J. Rheumatol.</i> 26:78-80 (1999).	

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